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Telephone (901) 521-2934

## United States Cotton Quality Report For Ginnings Prior To November 1, 1977

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Upland cotton ginned prior to November 1 this season was lower in grade and shorter in staple than a year earlier, according to the Cotton Division, Agricultural Marketing Service, USDA. White grades 41 and higher accounted for 60 percent of ginnings so far this season, down from 77 percent a year earlier and 75 percent two years ago and the smallest proportion in these higher White grades since 1965. Staples 31 and shorter comprised almost 13 percent of ginnings through October against four percent a year earlier and three percent two years ago. Average mike was higher than a year ago while average fiber strength was lower. Upland cotton ginnings prior to November 1, totaled 7,486,000 running bales, equivalent to about 54 percent of the 1977 indicated crop. This compares with 3,699,000 bales, or 35 percent, of the 1976 crop ginned to the corresponding date a year ago.

White grades 41 and higher accounted for 60 percent of ginnings prior to November 1 this season. This was the smallest proportion of ginnings in these grades since 1965 and compares with 77 percent during the same period last year and 75 percent two years ago. Grade 41 was the predominant grade at 31 percent of ginnings prior to November 1 compared with 52 percent in 1976 and 40 percent in 1975. Grade 31 made up 21 percent of ginnings so far this season against almost 19 percent last year and about 27 percent two years ago. The White grades accounted for 76 percent of ginnings, the smallest proportion of any crop in White grades in six years. Through the same period last year 89 percent of the crop and two years ago 88 percent were in the White grades. Almost 22 percent of upland ginnings prior to November 1, graded in the Light Spotted category, compared to 10 percent and 11 percent in 1976 and 1975, respectively. The average grade index was 93.0 (grade 31=100), down from 93.6 a year earlier and 94.0 two years ago.

Staples 31 and shorter comprised almost 13 percent of upland ginnings prior to November 1 this season. This was the largest proportion in these shorter lengths since the crop of 1967 and compares with four percent through the same period last season and almost three percent two years ago. Staples 32 and 33 made up almost 17 percent of ginnings so far this season against 16 percent last season and almost eight percent two years earlier. Cotton stapling 32 accounted for over six percent of ginnings prior to November 1, the largest proportion since 1961. Cotton stapling 34 and 35 comprised over 60 percent of ginnings this season against 65 percent a year earlier and almost 72 percent two years ago. Staples 36 and longer accounted for 10 percent of ginnings through the end of October against 15 percent a year earlier and 18 percent in 1975. The average staple length was 34.0 thirty-seconds inches against 34.3 a year earlier and 34.7 two years ago.

Average mike of upland cotton ginned prior to November 1 this season was 4.5, up from 4.3 in 1976 and 4.4 two years ago. Cotton in the 3.5-4.9 mike range accounted for almost 79 percent of ginnings through October 31 against 84 percent a year earlier and 88 percent in 1975. Cotton miking 3.4 and below made up almost three percent compared with four percent and two percent in 1976 and 1975, respectively. Almost 19 percent of the ginnings miked 5.0 and above, the largest proportion for the higher mike values in eight years. This compares to 12 percent for the same period in 1976 and 10 percent in 1975.

Fiber strength of upland cotton ginned prior to November 1 this season averaged 87,500 pounds per square inch (psi). This compares with 88,400 for the same period last year and 87,500 psi two years ago. Cotton, 90,000 psi and stronger, made up 33 percent of the ginnings through October 31 against 42 percent in 1976 and 36 percent in 1975. Cotton weaker than 80,000 psi accounted for seven percent of the 1977 crop so far. This was the smallest proportion since records began in 1966 and compares with eight percent and 12 percent for 1976 and 1975, respectively.

Table 1. Upland cotton in the United States, ginnings and supply, by grade 1/

Grade	Code	October 1-31			Season through October 31			Supply to November 1			Change in Supply 1977 from 1976	
		1976	1977	1976	1977	1976	1977	1976	1977	1976	1,000 bales	1,000 bales
Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Pct.	Pct.	
White												
G.M.	(11)	39	541	* 0.3	1.5	9,746	554	* 0.3	1.2	0.5	* 1.1	+100.0
S.M.	(21)	8,541	75,857	* 0.8	0.8	601	88,977	* 0.6	0.6	0.3	+81	+231.4
M.+	(30)	456	39,528	* 0.8	0.8	695,493	1,597,106	* 0.6	0.6	0.3	+34	+154.5
M.	(31)	623,201	1,175,944	20.0	23.0	211,381	497,792	18.8	21.3	1,199	1,901	+702
S.L.M.+	(40)	199,325	352,593	6.4	6.9	1,919,448	2,268,138	5.7	6.6	542	781	+239
S.L.M.	(41)	1,674,039	1,391,061	53.7	27.3	52.1	30.5	2,764	2,935	38.4	28.7	+171
L.M.+	(50)	92,129	102,946	2.9	2.0	98,708	191,633	2.7	2.6	356	391	+35
L.M.	(51)	248,184	670,180	7.9	13.1	306,674	890,161	8.3	11.9	706	1,165	+459
S.G.O.+	(60)	951	8,075	* 0.2	0.2	1,096	10,416	* 0.1	0.1	12	18	+6
S.G.O.	(61)	13,840	57,387	0.4	1.1	27,139	73,827	0.7	1.0	109	135	+26
G.O.+	(70)	-	82	* 0.1	0.1	82	-	* 0.1	0.1	** 1	* 1	+23.9
G.O.	(71)	2,000	4,582	0.1	0.1	4,554	6,417	0.1	0.1	16	17	+100.0
Light Spotted												
G.M.	(12)	-	-	-	-	-	-	-	-	-	-	+6.3
S.M.	(22)	639	10,247	* 0.2	0.2	739	12,701	* 0.2	0.2	5	15	+10
M.	(32)	59,796	328,470	1.9	6.4	83,299	481,599	2.3	6.4	259	642	+200.0
S.L.M.	(42)	132,916	551,938	4.3	10.8	219,904	864,268	6.0	11.5	598	1,157	+147.9
L.M.	(52)	44,137	206,063	1.4	4.0	77,700	259,346	2.1	3.5	251	378	+93.5
Spotted												+50.6
G.M.	(13)	-	14	-	-	14	-	* 0.1	0.2	-	** 0	-
S.M.	(23)	85	668	* 0.1	0.2	100	905	* 0.1	0.2	3	6	+100.0
M.	(33)	2,889	9,854	0.1	0.2	3,992	15,170	0.1	0.2	70	97	+27
S.L.M.	(43)	6,387	64,937	0.2	1.3	12,738	94,925	0.3	1.3	116	233	+38.6
L.M.	(53)	5,352	42,773	0.2	0.8	10,693	52,549	0.3	0.7	66	107	+117
Tinged 2/	(24-54)	264	3,833	* 0.2	0.2	328	4,628	* 0.2	0.2	33	51	+100.9
Stained 2/(25-35)	36	-	-	-	-	36	-	-	-	5	1	+62.1
Light Gray												+54.5
G.M.	(16)	-	-	-	-	-	-	-	-	-	-	-
S.M.	(26)	477	868	* 0.1	0.1	525	1,343	* 0.1	0.1	1	2	+100.0
M.	(36)	4,357	6,379	* 0.1	0.1	4,647	7,994	0.1	0.1	7	11	+457.1
S.L.M.	(46)	436	1,549	* 0.1	0.1	513	2,951	* 0.1	0.1	2	9	+350.0
Gray												-
G.M.	(17)	-	-	-	-	-	-	-	-	-	-	-
S.M.	(27)	-	15	-	-	36	-	-	-	** 0	0	-
M.	(37)	38	227	* 0.1	0.1	47	286	* 0.1	0.1	1	1	-
S.L.M.	(47)	32	230	* 0.1	0.1	41	566	* 0.1	0.1	** 0	0	-
Below Grade 3/												+32.3
All grades		2,590	12,563	0.1	0.2	5,514	17,357	0.1	0.2	31	41	+10
										0.4	0.4	+42.4
										100.0	100.0	+3,059
										7,209	10,268	+100.0

1/ Data for current season are preliminary.

2/ Includes all grades.

3/ Bales that are lower in grade than the lowest official standard for the corresponding color group.

\* Less than 0.05 percent. \*\* Less than 500 bales.

Table 2. Upland cotton in the United States, ginnings and supply, by staple 1/

Staple	October 1-31				Season through October 31				Supply to November 1				Change in Supply	
	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1,000 bales	1,000 bales
Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales
26 and shorter	179	175	*	*	*	*	*	*	*	*	*	*	*	*
28	687	1,595	*	*	0.2	0.3	6,642	25,625	0.2	0.3	78	44	1.1	0.4
29	5,902	16,719	0.2	0.3	3.6	54,399	294,351	1.5	3.9	278	418	3.9	4.1	-13 -76.5
30	48,836	182,634	1.6	2.1	9.4	94,346	627,868	2.6	8.4	286	789	4.0	7.7	-34 -43.6
31	66,069	481,904	2.1	1.4	7.1	136,015	485,136	3.7	6.5	350	740	4.9	7.2	+140 +50.4
32	42,306	365,724	1.4	5.9	440,586	754,908	11.9	10.1	797	1,083	11.1	10.5	+503 +175.9	
33	254,327	303,775	8.1	16.5	1,226,757	1,576,062	33.1	21.1	2,224	2,462	30.8	24.0	+390 +111.4	
34	1,030,861	842,853	33.0	35.7	44.0	1,170,091	2,945,847	31.7	39.4	2,241	3,681	31.0	35.9	+286 +35.9
35	1,113,917	2,241,833	12.6	17.5	552,682	735,126	15.0	9.8	871	958	12.1	9.3	+238 +10.7	
36	546,844	647,344	0.4	0.6	12,602	36,528	0.3	0.5	51	71	0.7	0.7	+1,440 +64.3	
37	12,550	32,450	*	*	411	996	*	*	12	9	0.2	0.1	+87 +10.0	
38	411	962	*	*	65	338	*	*	**	1	*	*	-3 -25.0	
39	65	338	*	*	182	1,098	*	*	3	8	*	0.1	+1 +100.0	
40 and longer	182	1,098	*	*										+5 +166.7
All staples	3,123,136	5,119,404	100.0	100.0	3,695,695	7,486,489	100.0	100.0	7,209	10,268	100.0	100.0	+3,059 +42.4	

1/ Data for current season are preliminary.

\* Less than 0.05 percent.

\*\* Less than 500 bales.

Table 3. Specified measures of quality for upland ginnings 1/

Item	October 1-31		Season through October 31		Supply to November 1	
	1976	1977	1976	1977	1976	1977
Grade index (Mid. White=100)	94.0	93.0	93.6	93.0	92.5	92.4
Average staple, 32nd. inch	34.5	34.1	34.3	34.0	34.0	33.9
Rough preparation, percent	*	*	*	*	-	-
Tenderable, percent 2/	76.7	64.6	72.6	63.2	-	-
Average mike reading	4.3	4.5	4.3	4.5	-	-
Average fiber strength (Mpsi)	89.4	87.6	88.4	87.5	-	-

1/ Data for current season are preliminary.

2/ Tenderable for grade, staple and mike in settlement of futures contracts.

\* Less than 0.05 percent.

Table 4. Percentage distribution of micronaire readings for upland ginnings prior to November 1, 1977 with 1976 comparisons, by states 1/

State	2.6 and below		2.7-2.9		3.0-3.2		3.3-3.4		3.5-3.9		4.0-4.4		4.5-4.9		5.0-5.2		5.3 and above		Totals				Average mike					
	1976		1977		1976		1977		1976		1977		1976		1977		1976		1976									
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Rdg.				
N. C.	-	-	-	-	0.1	0.1	0.1	0.1	11.3	0.2	37.1	4.7	44.2	43.7	6.1	33.8	1.1	17.4	0.2	92.6	48.6	7.2	51.2	4.4	5.0			
S. C.	-	-	*	-	0.3	-	0.4	-	3.7	0.1	27.0	2.5	49.4	43.2	16.9	37.9	2.3	16.3	0.7	-	80.1	45.8	19.2	54.2	4.6	5.0		
Ga.	-	-	-	-	-	-	-	-	0.1	0.5	1.6	9.5	10.4	51.9	44.3	30.0	32.9	8.1	10.7	-	0.1	61.9	56.3	38.1	43.6	4.8	4.9	
Ala.	-	-	*	*	*	*	*	*	0.1	0.1	2.1	0.7	17.1	10.3	46.1	47.4	23.7	28.3	10.9	13.2	0.1	0.1	65.3	58.4	34.6	41.5	4.8	4.9
Miss.	*	-	*	*	0.4	*	1.0	0.2	12.6	2.3	42.6	22.5	37.0	52.0	6.0	19.3	0.4	3.7	1.4	0.2	92.2	76.8	6.4	23.0	4.4	4.7		
Tenn.	-	0.2	*	1.0	*	0.8	0.2	13.5	4.4	41.0	19.5	38.1	44.9	4.8	18.4	0.6	12.6	2.0	0.2	92.6	68.8	5.4	31.0	4.4	4.7			
Mo.	-	-	-	-	0.8	*	2.5	0.3	26.4	4.8	47.6	19.8	20.8	36.5	1.9	25.2	*	13.4	3.3	0.3	94.8	61.1	1.9	38.6	4.2	4.8		
Ark.	-	-	-	*	0.1	0.1	0.5	0.2	6.8	1.9	31.3	17.6	40.7	54.3	15.1	21.6	5.5	4.3	0.6	0.3	78.8	73.8	20.6	25.9	4.6	4.7		
La.	-	-	*	*	0.1	*	0.2	0.1	3.5	0.8	25.8	8.0	48.0	47.8	17.7	35.0	4.7	8.3	0.3	0.1	77.3	56.6	22.4	43.3	4.6	4.9		
Okla.	-	-	-	-	0.4	0.1	2.4	0.3	8.3	4.2	14.2	24.3	42.2	48.3	23.5	17.4	9.0	5.4	2.8	0.4	64.7	76.8	32.5	22.8	4.7	4.6		
Tex.	0.1	*	1.1	0.6	3.8	3.1	5.1	4.0	21.4	21.4	26.4	33.5	28.4	28.2	11.1	7.0	2.6	2.2	10.1	7.7	76.2	83.1	13.7	9.2	4.3	4.2		
N. M.	-	0.2	*	0.4	0.2	2.0	1.1	30.4	25.4	55.7	61.9	10.3	10.6	0.9	0.7	0.1	0.1	2.6	1.3	96.4	97.9	1.0	0.8	4.1	4.1			
Ariz.	*	-	*	*	0.2	0.2	0.5	0.3	4.1	3.2	23.8	19.4	43.1	43.6	21.4	25.3	6.9	8.0	0.7	0.5	71.0	66.2	28.3	33.3	4.7	4.7		
Calif.	*	*	0.2	*	1.8	0.4	4.7	0.9	38.6	16.4	45.1	56.0	8.8	23.5	0.7	2.5	0.1	0.3	6.7	1.3	92.5	95.9	0.8	2.8	4.0	4.3		
Other	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.6	-	4.5		
U. S.	*	*	*	0.2	0.2	1.4	1.0	2.6	1.5	18.8	10.9	34.9	29.3	30.0	38.4	9.5	14.6	2.6	4.1	4.2	2.7	83.7	78.6	12.1	18.7	4.3	4.5	

1/ Data for current season are preliminary.

\* Less than 0.05 percent.

Table 5. Percentage distribution of fiber strength for upland cotton ginnings prior to November 1, 1977 with 1976 comparisons, by states 1/

State	Zero Gage Fiber Strength (Mpsi)												Average strength							
	64 & below		65-69		70-74		75-79		80-84		85-89		90-94		95-99		100 & above			
	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977		
	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Pct.	Mpsi	Mpsi		
N. C.	-	-	-	-	0.2	8.4	1.4	47.9	11.3	38.8	46.7	4.9	33.9	-	6.5	-	84.3	88.6		
S. C.	-	-	-	-	0.1	4.4	3.8	46.5	15.7	41.3	42.0	7.2	31.7	0.6	6.6	-	0.1	84.7	88.1	
Ga.	-	-	-	-	1.8	1.2	7.8	4.8	34.5	21.8	42.0	35.2	13.6	28.6	0.3	7.7	*	0.7	84.9	87.6
Ala.	-	-	-	0.2	1.7	2.3	16.5	13.2	41.0	38.7	34.8	33.7	4.7	10.1	1.3	1.8	-	*	83.5	84.1
Miss.	-	-	*	*	0.7	1.4	5.6	18.3	35.2	45.1	39.4	29.4	15.9	5.3	3.1	0.5	0.1	88.1	85.7	
Tenn.	-	-	-	0.1	0.2	5.3	6.8	46.1	30.3	39.6	41.6	8.7	18.4	0.2	2.5	-	0.2	84.8	86.0	
Mo.	-	-	-	-	1.6	2.6	14.1	29.7	44.0	56.4	29.6	10.4	9.5	0.9	0.9	*	0.3	85.8	83.8	
Ark.	-	-	*	0.1	0.3	1.9	6.6	15.2	31.9	39.2	41.8	33.1	16.5	9.4	2.4	1.1	0.5	88.8	85.8	
La.	-	-	*	*	0.5	1.1	3.8	14.4	19.5	41.6	34.2	33.5	27.7	8.4	12.3	0.8	2.0	0.2	88.5	83.9
Okla.	-	-	-	-	0.3	0.8	13.0	12.2	41.8	31.7	38.0	33.8	6.4	16.3	0.5	4.6	-	0.6	83.9	85.4
Tex.	-	-	*	1.5	0.4	25.0	6.6	42.8	23.7	21.6	31.8	6.8	24.5	1.8	10.2	0.5	2.8	82.8	87.8	
N. M.	-	-	-	-	0.2	0.2	2.4	0.5	4.4	3.8	7.6	14.2	26.8	33.0	35.3	29.9	23.3	18.4	95.1	94.4
Ariz.	-	-	-	-	0.9	0.6	10.4	7.7	50.1	26.7	29.5	39.1	7.6	20.2	1.4	4.9	0.1	0.8	83.9	86.4
Calif.	-	-	*	*	0.1	0.5	0.8	2.5	7.6	8.7	23.6	33.7	26.2	38.7	24.2	15.9	17.5	94.8	93.0	
U. S.	-	-	*	*	0.5	0.4	7.2	6.4	22.5	26.4	28.0	33.8	23.1	20.3	13.9	8.7	4.8	4.0	88.4	87.5

1/ Data for current season are preliminary.

\* Less than 0.05 percent.

Table 6. Percentage distribution of the grade of upland cotton ginned prior to November 1, 1977 with 1976 comparisons, by states 1/

State	White												Light Spotted						Other colored	Below Grade	Grade index 2/									
	SM 21 & higher	MH 30	M 31	SMH 40	SLM 41	LMH 50	LM 51	SGO+ 60	SM 22	M 32	SLM 42	LM 52	1976	1977	1976	1977	1976	1977												
1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977									
N. C.	-	-	0.1	-	0.9	1.1	3.1	0.9	56.4	38.4	16.0	10.0	19.8	18.0	0.3	0.7	-	-	0.4	0.3	2.1	20.9	0.7	6.0	0.2	3.5	-	0.2	91.5	89.5
S. C.	*	*	-	-	5.8	2.4	4.4	0.7	50.7	31.4	11.1	5.5	14.7	17.4	0.8	1.2	0.1	0.1	1.2	2.4	8.3	23.7	2.0	10.8	0.9	4.1	-	0.3	91.8	88.8
Ga.	-	-	-	-	0.6	1.6	0.3	0.5	37.6	17.9	4.8	1.6	25.6	4.4	0.4	0.5	-	-	0.9	6.8	22.4	35.5	6.3	11.4	1.1	19.0	*	0.8	89.4	87.4
Ala.	0.1	0.1	*	-	6.5	2.2	3.7	0.4	64.4	14.0	4.9	0.4	9.4	2.3	0.4	0.1	*	0.2	1.2	6.5	7.5	38.3	1.4	8.9	0.5	26.0	-	0.6	92.8	87.3
Miss.	0.2	*	-	*	10.9	2.2	2.5	1.7	62.7	35.7	3.8	4.7	15.5	35.6	0.9	4.0	-	*	0.4	0.6	2.4	8.8	0.7	5.1	*	1.3	*	0.3	92.8	88.7
Tenn.	0.9	0.1	-	*	23.7	4.3	3.4	1.9	54.4	26.9	2.6	1.8	10.0	12.6	0.6	1.6	-	*	0.9	2.4	2.6	27.3	0.7	14.4	0.1	5.8	0.1	0.9	94.3	88.3
Mo.	0.6	*	-	-	26.5	1.2	3.2	0.3	53.2	32.6	4.0	2.7	2.8	13.6	0.2	0.6	-	-	3.3	2.6	5.2	30.3	0.5	8.6	0.5	7.1	-	0.4	95.0	88.9
Ark.	0.1	*	*	*	20.4	2.8	4.9	2.0	60.2	40.0	3.9	4.9	6.0	18.2	0.1	0.8	*	*	1.4	1.5	2.8	20.7	0.2	6.1	*	2.9	*	0.1	94.5	90.0
La.	0.2	0.2	0.1	*	25.9	16.8	3.2	2.0	57.8	52.9	1.7	2.9	5.3	6.4	0.4	0.3	*	*	1.9	4.3	2.9	11.3	0.5	2.0	0.1	0.8	*	0.1	94.9	93.5
Okla.	0.2	0.8	-	0.1	27.9	24.1	2.6	6.9	21.6	18.2	1.8	1.4	6.0	3.2	1.8	0.1	-	0.6	16.1	27.0	16.7	14.3	0.7	1.6	4.6	1.6	-	0.1	93.9	95.1
Tex.	0.2	1.5	*	0.1	10.3	30.7	1.4	7.5	35.9	25.8	0.8	1.6	9.9	4.5	3.0	0.8	*	0.4	5.4	13.7	20.0	9.8	9.0	1.8	3.4	1.6	0.7	0.2	90.4	95.1
N. M.	2.1	1.9	-	*	45.7	35.6	15.9	9.6	20.5	26.5	0.3	2.4	0.9	1.3	-	0.1	0.3	*	10.4	15.2	3.4	7.0	0.2	0.2	0.3	0.2	-	-	97.5	96.5
Ariz.	1.1	1.5	-	1.9	41.1	28.9	6.9	2.9	34.7	42.3	0.4	1.1	2.2	4.6	0.2	0.4	0.1	0.3	9.5	7.3	2.9	5.8	0.4	0.9	0.4	1.7	0.1	0.4	96.6	95.2
Calif.	0.2	3.7	-	3.2	24.2	49.6	12.9	20.6	54.6	17.1	2.3	0.7	4.3	1.1	0.1	*	-	0.1	0.2	2.5	0.7	1.1	0.1	0.2	0.4	0.1	*	95.3	98.1	
Other	-	-	-	-	1.6	-	-	-	41.6	-	1.6	-	6.0	-	-	-	-	-	4.6	-	37.5	-	3.0	-	4.1	-	-	-	90.9	
U. S.	0.3	1.2	*	0.6	18.8	21.3	5.7	6.6	52.1	30.5	2.7	8.3	11.9	0.8	1.2	*	0.2	2.3	6.4	6.0	11.5	2.1	3.5	0.8	2.3	0.1	0.2	93.6	93.0	

1/ Data for current season are preliminary.

2/ Middle White equals 100.

\* Less than 0.05 percent.

Table 7. Percentage distribution of the staple of upland cotton ginned prior to November 1, 1977 with 1976 comparisons, and total ginnings, by states 1/

State	Staple												upland ginnings													
	28 and shorter		29		30		31		32		33		34		35		36		37		38 and longer		Average staple <u>2/</u>			
	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977		
N. C.	-	-	-	-	-	-	-	-	-	-	0.1	0.6	2.3	19.5	46.5	64.1	50.0	15.8	1.1	-	-	35.5	35.0	24,966	30,230	
S. C.	-	-	-	-	-	-	-	-	-	-	0.4	0.3	3.7	9.7	14.8	53.2	48.4	34.7	30.5	2.1	-	0.1	35.3	35.1	55,697	50,096
Ga.	-	-	-	-	-	-	-	-	*	0.5	0.2	5.7	2.9	56.7	40.7	32.1	54.6	5.0	1.6	*	-	-	34.5	33.4	55,351	18,926
Ala.	-	-	-	*	-	*	-	0.3	1.1	4.8	32.6	44.0	46.0	44.2	19.8	6.6	0.5	0.1	-	*	-	-	33.9	33.5	106,971	193,379
Miss.	-	-	-	*	*	*	*	0.6	*	13.0	1.3	66.1	19.3	19.7	69.5	0.6	9.8	*	0.1	-	*	34.1	34.9	668,278	1,353,215	
Tenn.	-	-	-	*	0.1	2.2	1.8	33.6	37.6	55.8	56.0	7.7	4.5	0.7	*	*	*	*	-	-	33.7	33.6	64,276	222,803		
Mo.	-	*	-	-	-	*	0.2	2.1	4.4	49.5	48.8	46.2	45.2	2.2	1.4	-	-	-	-	34.5	34.4	76,801	192,293			
Ark.	-	-	-	*	-	*	*	0.5	*	8.9	0.6	58.2	21.9	31.4	70.7	1.0	6.8	*	*	-	-	34.2	34.8	396,130	908,178	
La.	-	-	-	*	-	0.2	-	2.3	*	19.9	0.4	51.2	29.3	25.8	66.8	0.6	3.5	*	*	-	-	34.0	34.7	350,463	483,225	
Oklla.	1.5	0.1	8.1	0.5	19.4	6.7	19.7	18.2	9.9	25.0	3.1	14.5	6.8	14.1	25.5	11.7	6.0	8.6	-	0.6	-	-	32.3	32.8	7,410	52,675
Tex.	0.1	0.1	0.9	1.0	7.7	11.7	13.4	24.8	17.3	18.2	27.4	20.9	26.6	19.7	5.6	3.0	0.6	0.5	0.4	0.1	*	*	32.7	32.2	684,058	2,488,230
N. M.	-	-	-	0.1	0.4	0.6	0.9	0.5	2.2	0.1	1.0	3.2	1.3	8.0	6.2	56.1	43.9	30.1	42.8	1.3	36.1	36.2	22,341	63,793		
Ariz.	-	*	*	*	0.1	*	0.1	0.1	0.3	0.5	1.0	13.5	26.5	78.2	67.6	7.5	3.6	0.1	0.4	0.1	0.4	34.9	34.8	216,794	286,390	
Calif.	-	*	-	*	-	*	*	0.1	*	0.6	1.0	6.6	49.6	53.4	49.2	39.1	0.2	0.2	-	-	35.5	35.3	964,159	1,142,621		
Other	-	-	-	-	-	-	-	-	-	-	10.3	-	83.7	-	6.0	-	-	-	-	-	-	-	34.0	-	435	
U. S.	*	*	0.2	0.3	1.5	3.9	2.6	8.4	3.7	6.5	11.9	10.1	33.1	21.1	31.7	39.4	15.0	9.8	0.3	0.5	*	*	34.3	34.0	3,695,695	7,486,489

1/ Data for current season are preliminary.

2/ Expressed in thirty-seconds of an inch.

\* Less than 0.05 percent.

Table 8. Percentage of ginnings reduced in grade, by specified causes, prior to November 1, 1977 with 1976 comparisons, by states 1/

State	Grade reductions							
	Grass		Bark		Other causes		Total reductions	
	1976	1977	1976	1977	1976	1977	1976	1977
North Carolina	5.2	7.5	-	-	-	-	5.2	7.5
South Carolina	10.1	12.1	0.1	0.2	0.1	*	10.3	12.3
Georgia	2.0	6.7	6.4	0.2	-	0.1	8.4	7.0
Alabama	6.0	2.6	*	0.3	-	-	6.0	2.9
Mississippi	6.9	5.8	0.1	0.5	*	*	7.0	6.3
Tennessee	11.6	3.9	*	0.1	*	-	11.6	4.0
Missouri	0.8	0.5	*	0.4	0.1	*	0.9	0.9
Arkansas	2.4	3.2	0.1	0.1	*	*	2.5	3.3
Louisiana	5.8	7.2	0.1	0.1	*	*	5.9	7.3
Oklahoma	1.1	2.3	3.2	1.4	-	-	4.3	3.7
Texas	3.4	3.6	18.1	1.3	*	*	21.5	4.9
New Mexico	0.7	1.2	0.5	0.1	-	*	1.2	1.3
Arizona	2.6	2.7	0.5	0.9	*	*	3.1	3.6
California	2.4	2.6	0.1	0.1	-	0.1	2.5	2.8
Other	-	4.6	-	-	-	-	-	4.6
United States	4.1	4.0	3.5	0.6	*	*	7.6	4.6

1/ Data for current season are preliminary.

\* Less than 0.05 percent.

Table 9. American Pima cotton ginned in the United States, by grade and staple 1/

Grade and Staple	Code	Season through October 31			
		1976	1977	1976	1977
Grade		Bales	Bales	Pct.	Pct.
1	(10)	-	-	-	-
2	(20)	207	101	4.8	0.6
3	(30)	2,101	6,700	48.9	43.1
4	(40)	1,308	6,789	30.5	43.7
5	(50)	676	1,796	15.8	11.5
6	(60)	-	169	-	1.1
7	(70)	-	-	-	-
8	(80)	-	-	-	-
9	(90)	-	-	-	-
10	(00)	-	-	-	-
Total		4,292	15,555	100.0	100.0
Staple					
40 and shorter		-	-	-	-
42		-	-	-	-
44		3,425	8,425	89.1	54.2
46		468	7,130	10.9	45.8
48 and longer		-	-	-	-
Total		4,292	15,555	100.0	100.0

1/ Data for current season are preliminary.

Table 10. Percentage distribution of micronaire readings for American Pima ginnings prior to November 1, 1977 with 1976 comparisons, by states 1/

Readings							United States	
	Texas		New Mexico		Arizona		1976	1977
	1976	1977	1976	1977	1976	1977		
2.4 and below	-	-	-	-	-	-	-	-
2.5	-	-	-	-	-	-	-	-
2.6	-	-	-	-	-	-	-	-
2.7	-	-	-	-	-	-	-	-
2.8	-	-	-	-	-	-	-	-
2.9	-	-	-	-	-	-	-	-
3.0	-	-	-	-	-	-	-	-
3.1	-	0.1	-	-	-	-	-	0.1
3.2	-	-	10.2	1.1	-	-	0.7	0.1
3.3	2.1	0.9	-	1.1	-	-	0.6	0.6
3.4	-	1.3	-	1.1	-	0.7	-	1.0
3.5	2.1	2.6	-	7.5	-	3.3	0.6	3.2
3.6	6.2	5.4	-	7.5	3.7	6.2	4.2	5.8
3.7	-	7.4	-	16.1	3.7	8.1	2.3	8.4
3.8	4.2	12.1	-	16.1	10.2	14.6	7.7	13.3
3.9	4.2	17.6	-	17.3	13.6	13.0	9.8	15.7
4.0	8.3	14.6	20.0	10.7	15.4	18.6	13.6	15.9
4.1	18.7	13.7	-	12.9	11.5	12.7	12.9	13.3
4.2	14.6	9.9	20.0	3.2	15.1	12.0	15.2	10.2
4.3	14.6	7.1	-	4.3	9.5	4.9	10.4	6.1
4.4	16.6	3.6	20.0	1.1	11.2	3.6	13.5	3.4
4.5	4.2	2.8	-	-	4.9	1.3	4.3	2.0
4.6	4.2	0.7	29.8	-	-	0.7	3.4	0.6
4.7	-	0.1	-	-	-	0.3	-	0.2
4.8	-	0.1	-	-	1.2	-	0.8	0.1
4.9	-	-	-	-	-	-	-	-
5.0 and above	-	-	-	-	-	-	-	-
Total	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
Average mike	4.1	4.0	4.2	3.8	4.1	4.0	4.1	4.0

1/ Data for current season are preliminary.

\* Less than 0.05 percent.

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Vol. 51, No. 3a

November 25, 1977

Estimated grade and staple of upland cotton ginned in the United States prior to November 1, 1977 1/

Grade	Code	Staple													All staples		
		26 and shorter	28	29	30	31	32	33	34	35	36	37	38	39	40 and longer		
		Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Bales	Percent
White:																	
G. M.	(11)	-	-	43	64	32	-	10	280	102	23	-	-	-	-	554	*
S. M.	(21)	-	135	1,673	10,830	12,544	7,510	4,406	6,506	30,631	14,588	154	-	-	-	88,977	1.2
M. +	(30)	-	11	21	261	822	544	476	2,389	27,944	12,258	22	-	-	-	44,748	0.6
M.	(31)	64	890	10,155	112,028	239,217	153,806	145,921	204,890	508,830	213,595	7,209	35	101	365	1,597,106	21.3
S. L. M. +	(40)	-	67	880	12,065	40,092	37,335	51,179	62,415	165,343	124,569	3,507	81	87	172	497,792	6.6
S. L. M.	(41)	21	327	2,469	35,111	107,144	107,803	202,691	538,313	1,059,351	200,969	12,911	478	36	514	2,268,138	30.5
L. M. +	(50)	-	-	104	1,435	4,560	6,644	11,068	38,786	104,489	22,896	1,639	12	-	-	191,633	2.6
L. M.	(51)	-	21	216	2,735	10,390	14,750	49,549	203,787	524,704	82,022	1,957	30	-	-	890,161	11.9
S. G. O. +	(60)	-	21	-	163	284	482	483	1,842	5,940	1,192	9	-	-	-	10,416	0.1
S. G. O.	(61)	-	24	13	322	1,452	2,473	8,433	19,970	35,437	5,605	98	-	-	-	73,827	1.0
G. O. +	(70)	-	-	-	11	11	10	-	30	-	20	-	-	-	-	82	*
G. O.	(71)	-	-	-	57	255	680	1,137	2,308	1,767	213	-	-	-	-	6,417	0.1
Light Spotted:																	
G. M.	(12)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S. M.	(22)	-	99	912	3,795	3,231	1,145	1,033	1,035	1,215	236	-	-	-	-	12,701	0.2
M.	(32)	45	417	5,756	75,314	135,558	76,867	50,945	69,738	52,055	10,097	4,603	93	64	47	481,599	6.4
S. L. M.	(42)	-	199	2,126	31,806	57,924	48,878	120,359	270,779	296,722	31,239	3,949	237	50	-	864,268	11.5
L. M.	(52)	-	36	208	3,524	6,451	9,831	46,609	86,137	93,662	12,552	306	30	-	-	259,346	3.5
Spotted:																	
G. M.	(13)	-	-	-	-	-	-	-	-	-	14	-	-	-	-	14	*
S. M.	(23)	-	24	32	86	97	102	346	90	60	68	-	-	-	-	905	*
M.	(33)	-	-	297	1,884	2,761	2,151	3,289	3,142	1,482	149	15	-	-	-	15,170	0.2
S. L. M.	(43)	-	67	314	1,650	2,748	5,757	28,168	35,368	19,451	1,332	70	-	-	-	94,925	1.3
L. M.	(53)	32	15	187	671	1,101	4,242	18,955	17,382	8,953	975	36	-	-	-	52,549	0.7
Tinged:																	
S. M.	(24)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
M.	(34)	-	-	-	32	67	108	148	31	-	-	-	-	-	-	386	*
S. L. M.	(44)	-	-	34	46	125	277	1,005	538	162	-	-	-	-	-	2,187	*
L. M.	(54)	-	-	11	43	44	445	1,003	447	62	-	-	-	-	-	2,055	*
Light Gray:																	
G. M.	(16)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S. M.	(26)	-	-	-	-	21	52	419	409	442	-	-	-	-	-	1,343	*
M.	(36)	-	-	-	24	75	159	847	3,260	3,408	210	11	-	-	-	7,994	0.1
S. L. M.	(46)	-	-	-	21	32	251	948	966	705	28	-	-	-	-	2,951	*
Gray:																	
G. M.	(17)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
S. M.	(27)	-	-	-	-	-	-	21	15	-	-	-	-	-	-	36	*
M.	(37)	-	-	-	10	11	36	23	138	68	-	-	-	-	-	286	*
S. L. M.	(47)	-	-	11	21	11	155	180	173	15	-	-	-	-	-	566	*
Below Grade		26	65	163	342	808	2,643	5,267	5,168	2,669	197	9	-	-	-	17,357	0.2
All grades		188	2,418	25,625	294,351	627,868	485,136	754,908	1,576,062	2,945,847	735,126	36,528	996	338	1,098	7,486,489	2/ 100.0
Percent		*	*	0.3	3.9	8.4	6.5	10.1	21.1	39.4	9.8	0.5	*	*	*	100.0	

1/ Preliminary.

2/ As reported by the Bureau of the Census.

\* Less than 0.05 percent.

Grade index..... 93.0

Average staple..... 34.0

Percentage of rough preparation..... \*

Percent tenderable..... 63.2

Estimated grade and staple of American Pima cotton ginned in the United States  
prior to November 1, 1977 1/

Grade Code	Staple						All staples	
	40 and shorter	42	44	46	48	50 and longer		
	<u>Bales</u>	<u>Bales</u>	<u>Bales</u>	<u>Bales</u>	<u>Bales</u>	<u>Bales</u>	<u>Bales</u>	<u>Pct.</u>
1 (10)	-	-	-	-	-	-	-	-
2 (20)	-	-	76	25	-	-	101	0.6
3 (30)	-	-	3,356	3,344	-	-	6,700	43.1
4 (40)	-	-	3,591	3,198	-	-	6,789	43.7
5 (50)	-	-	1,233	563	-	-	1,796	11.5
6 (60)	-	-	169	-	-	-	169	1.1
7 (70)	-	-	-	-	-	-	-	-
8 (80)	-	-	-	-	-	-	-	-
9 (90)	-	-	-	-	-	-	-	-
10 (00)	-	-	-	-	-	-	-	-
All grades	-	-	8,425	7,130	-	-	15,555 <u>2/</u>	100.0
Percents	-	-	54.2	45.8	-	-		100.0

1/ Preliminary.

Average grade . . . 3.7  
Average staple . . . 44.9

2/ As reported by the Bureau of the Census.